

RAIDS**Instrument****Proposed Mission(s)****Launching: N/A****Ready by: 10/1/2005****Sponsor: Space Test Program****Last updated: 03/16/2005 at 12:00 AM by Sam Sims****RAIDS Orbit Parameters**

	Nominal	Min	Max
Launch Date:	N/A	N/A	N/A
Apogee altitude (km/nmi):	830/448.2	500/270.0	1000/540.0
Perigee altitude (km/nmi):	830/448.2	500/270.0	1000/540.0
Inclination (deg):	60.0	55.0	55.0
Argument of Perigee (deg):	TBD	N/A	N/A
Ascending Node (AN) (deg):	TBD	N/A	N/A
or Mean Local Time of the AN:	N/A	N/A	N/A
Design Orbit Lifetime (years):	TBD		
C3 (km ² /s ²):	N/A		
Geosynchronous Longitude (deg):	TBD		
Daily launch window duration (min):	TBD		
Launch window open/close (GMT):	TBD		
Yearly/seasonal launch window:	TBD		

RAIDS Instrument Characteristics

Mass (kg/lb): 86/189.6
 Length (m/in): 0.8/31.5
 Diameter (m/in): 0.6/23.6
 Design Life (years): TBD
 Average Power (W): 68
 Peak Power (W): TBD
 Power Duty Cycle: TBD

RAIDS Attitude Control

Attitude Stabilization: TBD
 Pointing Control(arc seconds): TBD
 Pointing Stability(arc seconds): TBD
 Slew Rate(deg/sec): TBD
 Pointing Knowledge(arc seconds): TBD
 Pointing Modes: TBD

RAIDS Contact Information

Mission Contact (Prime)

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Sponsor Contact

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